



Cammell Laird & Co

No 1057, 1044, 1016

Longitudinal Section

S.S. "Dunedin Star"



LIVERPOOL

Report No. 106781

S.S. Melbourne Star

LIVERPOOL

PLANS TRANSFERRED  
TO SISTER VESSEL

No. 104955

Brisbane Star

RETAIN

003875-003883-0199

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FRANKS

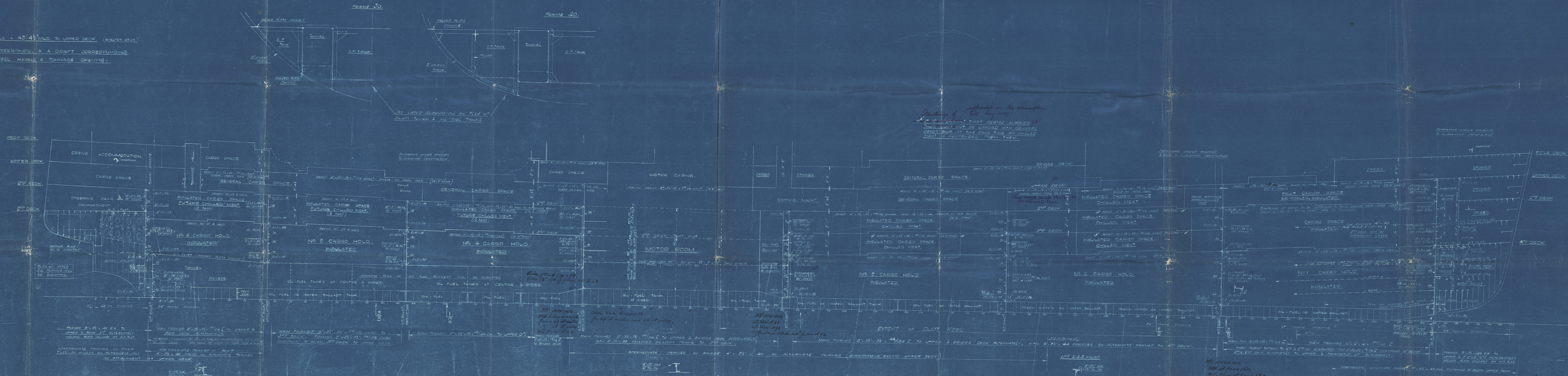


18.3.35  
 N<sup>o</sup> 1009. + 1014.  
 1016  
 LONGITUDINAL SECTION.

SCALE - 1/8" = 1 FOOT.

DIMENSIONS :- 502' 5" B.P. x 70' 0" MLD. x 43' 4" MLD. TO UPPER DECK. (PLASTER DECK)

TO CLASS LLOYDS 100 A.I. WITH FREEBOARD & A DRAFT CORRESPONDING  
 TO A COMPLETE SUPERSTRUCTURE VESSEL HAVING A TONNAGE OPENING.



T<sup>o</sup> 2.

18.10.1016  
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Cammell Laird & Co  
No 1014

Midship Section  
as built

W/5237

S.S. Melbourne Star

LIVERPOOL

Report No. 104955

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W1199-0023








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No 1009, 1014, 1016.

Sternframe & boss

S. S. "Dunedin Star" 

~~Wreck Section~~  
186

LIVERPOOL

Report No. 106781

S. S. Melbourne Star

LIVERPOOL

Report No. 107925

PLANS TRANSFERRED

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S. S. Brisbane Star

  
LIVERPOOL

Report No. 108319



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~~Wreck Section~~  
106

Rudder

S.S. *Dunedin Star*



LIVERPOOL

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LIVERPOOL

108319

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$$\frac{N^{\frac{0}{11}} 1009}{1016} + \frac{1014}{1016}$$

## RUDDER PLAN.

SCALES:-  $\frac{1}{2}"$  &  $|\frac{1}{2}" = 1$  FOOT.

## MATERIAL

RUDDER STOCK	FORGED INGOT STEEL
RUDDER FRAME	CAST MILD STEEL. ✓
STRIP AT AFT END	FORGED STEEL. ✓
PINTLES	FORGED STEEL. ✓
ALL TO LLOYDS TESTS & REQUIREMENTS. ✓	

## PARTICULARS

TOTAL RUDDER AREA	287.1	233.2	Sq. Ft.
RUDDER AREA ABAFT C.L. OF PINTLES	288.6	205	" "
SPEED OF VESSEL		16	KNOTS.
MAX. ANGLE OF HELM		37 1/2	DEGREES
AREA COEFFICIENT	515 x 20.5 233.5	522 x 24.25 257.35	04 51 65

Room: S100K 1/2 DIA 100 EXCESS on Ulysses Rules

7 1/4" x 1 1/4" To 2 5/8"  
FORGED STEEL  
STRIP ✓  
WELDED  
SECTION AT "DD"

[illegible]

## NOTES

PLATES & ANGLES SUPPLIED & FITTED BY SHIPBUILDER  
COUPLING BOLTS & NUTS TOGETHER WITH KEY FOR  
SCREWING UP. ALSO ACCESS PLATE & 1/2" BRONZE  
BEARING RING TO BE SUPPLIED & FITTED COMPLETE  
BY CONTRACTORS.  
FORWARD END OF PLATES FITTED WITH 3/4" BRASS  
LINERS & COMPLETE WITH HEXAGONAL NUTS &  
SPUD PINS TO BE SUPPLIED BY CONTRACTOR.  
RUDDER FRAME TO BE BORED FOR PINTLES  
STOCK & FRAME TO BE BOLTED TOGETHER AT  
CONTRACTORS WORKS TO ENSURE ALIGNMENT  
BETWEEN UPPER STOCK & PINTLES.  
SPACE BETWEEN PLATES TO BE LEFT EMPTY BUT  
INSIDE TO BE COATED WITH BITUMINOUS COMPOSITION.  
THE FOLLOWING PARTS TINTED RED TO BE MACHINED  
BEARING SURFACES OF COUPLINGS.  
RUDDER STOCK & BRASS LINER.  
TOP & BOTTOM OF ANGLE COUPLING PINTLES  
RECESSES & FACES OF COUPLING IN WAY OF BOLTS &  
1/2" BRONZE BEARING RINGS.  
SEE ALSO KEY PLAN & PLAN OF  
FULL SIZE SECTIONS.

[illegible]

### KEY FOR COUPLING BOLTS.

SECTION AT "AA"      LOOKING AFT      SECTION AT "BB"      SECTION AT "CC"

SECTION AT "CC":

[illegible][illegible]